

I feel the data transmissions over these lines as they are essentially square waves, would generate excessive RFI and QRN (electrical noise). I have been in comm since 1968, and have seen instances of square-wave modulated AM, VERY BAD. As a power transmission line is not like a balanced RF transmission line, the likelihood of interference on HF bands would be dramatically increased. The data would be to some extent, impressed onto 4.1 kV AC, an intense field. Since DSL is getting higher in frequency, again interference could result.